|   | Index of Claims |          |          |          |          |                 |          |                 |          |                          |            |               |            | Application No. |                      |             |          |          |          |           |           |          |          |     | Applicant(s) |            |                 |         |               |  |              |          |            |          |  |  |
|---|-----------------|----------|----------|----------|----------|-----------------|----------|-----------------|----------|--------------------------|------------|---------------|------------|-----------------|----------------------|-------------|----------|----------|----------|-----------|-----------|----------|----------|-----|--------------|------------|-----------------|---------|---------------|--|--------------|----------|------------|----------|--|--|
|   |                 |          |          |          |          |                 |          |                 |          |                          |            |               |            |                 | 10                   | 10/676,126  |          |          |          |           |           |          |          |     |              |            | BERGANDY ET     |         |               |  |              | ΔI       |            |          |  |  |
|   |                 |          |          |          |          |                 |          |                 |          |                          |            |               |            | Examiner        |                      |             |          |          |          |           |           |          |          |     | Art Unit     |            |                 |         |               |  | <u> </u>     |          | _          |          |  |  |
|   |                 |          |          |          |          |                 |          |                 |          |                          |            |               |            |                 | 0                    |             |          |          |          |           |           |          |          |     |              |            |                 |         |               |  |              |          |            |          |  |  |
|   |                 |          |          |          |          |                 |          |                 |          |                          |            |               |            |                 | Shantese L. McDonald |             |          |          |          |           |           |          |          |     |              | 3723       |                 |         |               |  |              |          |            | _        |  |  |
|   |                 |          |          |          |          |                 |          | ]               |          | П                        |            | Th            | rou        | ah i            | 2112                 | 201         | al)      |          |          |           |           |          |          |     |              |            |                 |         |               |  |              |          |            |          |  |  |
|   |                 |          | 4        | Rejected |          |                 |          |                 | -        | (Through numer Cancelled |            |               |            |                 | d                    | ai <i>j</i> |          |          | N        | N         | Non-Elect |          |          | ted |              | A          | Appeal          |         |               |  |              |          |            |          |  |  |
|   |                 |          | $\vdash$ |          | Allowed  |                 |          |                 |          |                          |            | Do odminato d |            |                 |                      |             |          | Interfe  |          |           |           |          |          |     | Objected     |            |                 |         |               |  |              |          |            |          |  |  |
|   |                 |          | =        | A        | Mo       | we              | d        |                 |          | ÷                        |            |               | Restricted |                 |                      |             |          |          |          | '         | In        | itei     | rtere    | n   | ce           |            | 0               | •       | Obje          | ect:   | ed           |          |            |          |  |  |
|   |                 |          |          | _        |          |                 |          |                 |          | _                        |            |               |            |                 |                      | D-4         |          |          |          |           |           |          | Claim    |     |              |            | Data            |         |               |  |              | _        |            |          |  |  |
|   | Claim           |          |          |          | Г        |                 | Date     | e<br>           |          |                          | $\dashv$   | Claim         |            |                 | П                    | Dat         |          |          |          |           |           | -  ⋅     | ┨╌┠╴     |     |              |            | Date            |         |               |  |              | $\dashv$ |            |          |  |  |
|   | Final           | Original | 716,104  |          |          |                 |          |                 |          |                          | -          | ١             | Final      | Original        |                      |             | İ        |          |          |           |           |          |          |     | Final        | Original   |                 |         |               |  |              |          |            |          |  |  |
|   | ίĒ              | Oij      | 760      |          |          |                 |          |                 |          |                          |            | ١             | ίΞ         | Q.              |                      |             |          |          |          |           | İ         |          | 0        |     | ίĪ           | Ö          |                 |         |               |  |              |          |            |          |  |  |
|   | -               | 1        | Y        | _        | ┢        |                 | -        | -               |          |                          |            | ŀ             |            | 51              | $\vdash$             | Н           |          | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | ł   |              | 101        | 1               | +       | +-            | <del>                                     </del> | $\vdash$     | Н        | $\dashv$   | ㅓ        |  |  |
|   |                 | 2        |          |          |          |                 |          |                 |          |                          |            | F             |            | 52              |                      |             | $\Box$   |          |          |           |           |          | $\Box$   | Ī   |              | 102        |                 |         |               |  |              |          |            | $\Box$   |  |  |
|   |                 | 3        | ⊬        |          | H        |                 |          |                 |          |                          |            | ŀ             |            | 53<br>54        | -                    | Н           | -        | -        | $\dashv$ |           |           |          |          | 1   |              | 103<br>104 |                 | +       | -             | -  | ┝            | Н        | -          | $\dashv$ |  |  |
|   |                 | 5        |          |          |          |                 |          |                 |          |                          | $\exists$  | t             |            | 55              |                      |             | コ        |          | ╛        |           |           |          |          | t   |              | 105        |                 |         |               |  |              |          | $\exists$  |          |  |  |
|   |                 | 6        | Ļ        |          |          |                 |          | Ш               |          |                          | 4          | -             |            | 56<br>57        |                      | Ш           | $\dashv$ | $\dashv$ | 4        | $\dashv$  |           | $\dashv$ | _        |     |              | 106<br>107 |                 | _       | +             |  | Ļ.           |          |            |          |  |  |
|   |                 | 8        | V<br>V   |          | -        | -               | ┝        | Н               | -        | $\dashv$                 | -          | ╌├            |            | 58              | $\vdash$             | Н           | $\dashv$ | +        | $\dashv$ | $\dashv$  | +         | $\dashv$ | -        | 1   |              | 107        | Н               | +       | +             | $\vdash$   | ┢            | Н        | $\dashv$   | $\dashv$ |  |  |
|   |                 | 9        | 4        |          |          |                 |          |                 |          |                          |            | þ             |            | 59              |                      |             |          |          |          |           | 耳         |          |          |     |              | 109        |                 |         | 工             |  |              |          | $\Box$     |          |  |  |
|   | -               | 10<br>11 | 0        |          | _        |                 | _        | Н               |          | $\dashv$                 |            | -             |            | 60<br>61        | -                    | Н           | $\dashv$ | $\dashv$ | -        |           |           |          |          | }   |              | 110<br>111 | $\vdash$        | -       |               | -  | -            | Н        | _          | ᅴ        |  |  |
|   |                 | 12       | $\vdash$ |          | $\vdash$ |                 | $\vdash$ | Н               |          |                          | -          | ŀ             |            | 62              | $\vdash$             | Н           | +        | $\dashv$ | +        | $\dashv$  |           | $\dashv$ |          | 1   |              | 112        | Н               | -       | +             | $\vdash$   | <del> </del> | Н        | $\dashv$   |          |  |  |
|   |                 | 13       |          |          |          |                 |          |                 |          |                          | $\Box$     |               |            | 63              |                      |             |          | $\Box$   | $\Box$   |           | $\Box$    | $\Box$   |          |     |              | 113        |                 |         |               |  |              |          |            |          |  |  |
|   |                 | 14<br>15 | -        |          | _        | _               | _        | Н               | _        |                          |            | -             |            | 64<br>65        | ┝                    | $\vdash$    | -        | +        | -        | $\dashv$  | -         | $\dashv$ |          | 3   |              | 114<br>115 |                 |         | +             | -  | -            |          | 4          |          |  |  |
|   |                 | 16       |          |          |          |                 |          |                 |          |                          |            | t             |            | 66              |                      |             |          |          |          |           |           |          |          | ľ   |              | 116        |                 |         |               |  |              |          |            |          |  |  |
|   |                 | 17       |          |          | _        |                 |          |                 |          |                          | _          | F             |            | 67              | L                    |             | _        | _        | _        | $\dashv$  |           | $\dashv$ | _        | [   |              | 117        | $\square$       |         | _             |  |              | Ш        | _          | $\perp$  |  |  |
|   |                 | 18<br>19 | Н        |          | _        |                 |          | Н               |          |                          |            | +             |            | 68<br>69        | -                    | $\vdash$    | -        |          | -        | $\dashv$  | -         | $\dashv$ | -        | ŀ   |              | 118<br>119 | Н               | +       | +-            | ┝  | ┢            |          | $\dashv$   | -        |  |  |
|   |                 | 20       |          |          |          |                 |          |                 |          |                          |            | 1             |            | 70              |                      |             |          | $\Box$   | $\Box$   |           | $\exists$ |          |          | Ī   |              | 120        |                 |         |               |  |              |          | $\Box$     |          |  |  |
|   |                 | 21       | Н        |          |          |                 |          |                 | :        |                          | $\dashv$ _ | _             |            | 71<br>72        |                      |             | .        | -        | -        | -         | +         | $\dashv$ | -        | -   |              | 121<br>122 | $\vdash \vdash$ | +       | +-            | ├  |              | H        | $\dashv$   | -        |  |  |
|   |                 | 23       |          |          |          |                 |          |                 |          |                          | $\dashv$   | -             |            | 73              |                      |             | ┪        | 寸        | $\dashv$ |           | +         |          | $\dashv$ | ŀ   |              | 123        |                 | +       | 十             | $\vdash$   |              |          | $\exists$  |          |  |  |
|   |                 | 24       |          |          |          |                 |          |                 |          |                          | $\Box$     |               |            | 74              |                      |             | $\Box$   |          |          |           | $\Box$    |          |          | F   |              | 124        |                 |         | ightharpoonup |  |              |          |            |          |  |  |
|   |                 | 25<br>26 | Н        | -        | -        | $\vdash$        | $\vdash$ | -               | _        | -                        | -          | -             |            | 75<br>76        |                      | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$ |          | 1   |              | 125<br>126 | $\vdash$        | -       | ┿             | ⊢  | H            | Н        | $\dashv$   | $\dashv$ |  |  |
|   |                 | 27       |          |          |          |                 |          |                 |          |                          |            |               |            | 77              |                      |             |          |          |          |           | I         |          | ╝.       |     |              | 127        |                 |         | 1             |  |              |          |            |          |  |  |
|   |                 | 28<br>29 | Н        |          | _        |                 |          |                 |          |                          | 4          | -             |            | 78<br>79        | <u> </u>             |             | _        | 4        | 4        | _         | $\dashv$  | 4        | _        |     |              | 128<br>129 | $\vdash$        | -       | $\bot$        | <u> </u>   | -            | -        | 4          | _        |  |  |
|   |                 | 30       | Н        |          |          |                 |          | Н               |          |                          | $\dashv$   | ŀ             |            | 80              | ┝                    |             | -        | 十        | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$ | -        | ٠   | -            | 130        |                 |         | ╁             | ┢  |              | Н        | $\dashv$   |          |  |  |
|   |                 | 31       | П        |          |          |                 |          |                 |          |                          | □.         |               |            | 81              |                      |             |          | 1        |          |           | 耳         |          |          |     |              | 131        |                 |         | T             |  |              |          | 耳          |          |  |  |
|   |                 | 32<br>33 | Н        |          |          | Н               |          | Н               | $\vdash$ | _                        | -1         | ŀ             |            | 82<br>83        | -                    | Н           | _        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$  | -        | $\dashv$ | -   |              | 132<br>133 | $\vdash \vdash$ | _       | +-            | ┡  | ┝            | $\vdash$ | +          |          |  |  |
|   |                 | 34       |          | H        |          | H               | Н        | H               |          |                          |            | 1             |            | 84              |                      |             |          | _        |          | _         | _         |          |          | ł   |              | 134        |                 | _       | 1             |  |              |          | _          |          |  |  |
|   |                 | 35       |          |          |          |                 |          |                 |          |                          | ]          |               |            | 85              |                      |             |          |          |          |           |           |          |          |     |              | 135        | $\Box$          |         | T             |  |              |          |            |          |  |  |
|   |                 | 36<br>37 | Н        |          |          |                 |          | Н               |          | -                        | -          | ŀ             |            | 86<br>87        |                      |             | $\dashv$ | +        | -        | 4         | +         | $\dashv$ |          | ŀ   |              | 136<br>137 | $\vdash$        | +       | +-            | ┝  | ┝            | H        |            |          |  |  |
| ŀ |                 | 38       |          |          |          |                 |          |                 |          |                          | $\exists$  | t             |            | 88              |                      |             |          |          |          |           |           |          |          | 1   |              | 138        |                 | $\perp$ |               |  |              |          |            |          |  |  |
|   |                 | 39       | П        | $\Box$   | $\Box$   | Ц               | П        | $\Box$          | $\Box$   | $\dashv$                 | 7          | F             |            | 89              |                      |             | $\dashv$ | $\dashv$ | 4        | $\dashv$  | $\dashv$  | $\dashv$ | _        | -   |              | 139        | H               | $\bot$  | $\perp$       | F  |              |          | $\dashv$   | _        |  |  |
|   |                 | 40<br>41 | Н        | $\dashv$ | -        | $\vdash \vdash$ | Н        | $\vdash \vdash$ | $\vdash$ | $\dashv$                 | +          | 1             |            | 90<br>91        | $\vdash$             | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ | -         | $\dashv$  | $\dashv$ |          | -   |              | 140<br>141 | $\vdash \vdash$ | +       | +             | $\vdash$   | $\vdash$     | H        | ᆉ          | $\dashv$ |  |  |
|   |                 | 42       | 口        |          |          |                 |          |                 |          |                          | $\Box$     |               |            | 92              |                      |             |          |          |          |           |           | 耳        |          |     |              | 142        |                 | $\perp$ |               |  |              |          |            |          |  |  |
|   |                 | 43       | Н        | $\dashv$ | $\vdash$ | $\vdash$        | $\vdash$ | $\vdash$        | _        | -                        | $\dashv$   | H             | -          | 93<br>94        | $\vdash$             | Н           | -        | +        | -        | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | -   |              | 143<br>144 | $\vdash \vdash$ | +       | +             | $\vdash$   | $\vdash$     | Н        | $\dashv$   | $\dashv$ |  |  |
|   |                 | 45       |          |          |          | H               |          |                 |          |                          |            | t             |            | 95              |                      | H           | _        |          | _        | $\exists$ | _         | _        |          | -   |              | 145        |                 | $\perp$ | 士             |  | $\vdash$     |          | _          |          |  |  |
|   |                 | 46       | П        |          |          |                 |          |                 |          | $\Box$                   | $\Box$     | F             |            | 96              |                      |             | $\Box$   | 1        | $\Box$   | $\Box$    | $\neg$    | $\Box$   | $\Box$   |     |              | 146        |                 | $\bot$  | I             |  |              |          |            |          |  |  |
|   |                 | 47       | ш        |          |          | ╙               | Ш        | L               |          |                          |            | L             |            | 97              | ш                    | Ш           |          | _        | _        |           |           |          |          | L   |              | 147        | $\sqcup$        | $\perp$ |               | <u></u>  | <u></u>      | LЦ       | $_{\perp}$ | $\perp$  |  |  |